



O P OCKET NO.: CRNT-0022

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**James Douglas Mollenkopf et al.**

**Confirmation No.: 5088**

**Application No.: 10/036,914**

**Group Art Unit: 2632**

**Filing Date: December 21, 2001**

**Examiner: Daryl C. Pope**

**For: Facilitating Communication Of Data Signals On Electric Power Systems**

**EXPRESS MAIL LABEL NO: EL999300025 US  
DATE OF DEPOSIT: February 4, 2005**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

Certification in Accordance with § 1.97(e) is attached; or

The fee of \$180.00 as set forth in § 1.17(p) is attached.

In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

Copies of reference numbers 284-371 listed on the attached Form PTO-1449 are enclosed herewith.

Copies of reference numbers 169-283 listed on the attached Form PTO 1449 are not required to be submitted pursuant to the waiver of 37 CFR § 1.98(a)(2)(i).

Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

The relevance of those listed references which are not in the English language is as follows:

English language abstracts have been provided for those listed references which are not in the English language.

Applicant is uncertain as to the publication date of reference No. 371 listed on the attached Form PTO 1449, however the paper cited appears to have been presented at the 2004 International Symposium on PowerLine Communications and its Applications, Zaragoza, Spain, on March 31-April 2, 2004.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.



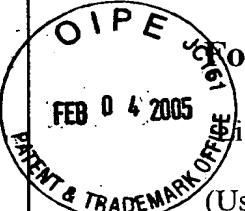
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Date: February 4, 2005

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------|
|  <b>Form PTO-1449 Modified</b><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary) | Docket No.<br><b>CRNT-0022</b>                      | Serial No.<br><b>10/036,914</b> |
|                                                                                                                                                                                                              | Applicant<br><b>James Douglas Mollenkopf et al.</b> |                                 |
|                                                                                                                                                                                                              | Filing Date<br><b>December 21, 2001</b>             | Group<br><b>2632</b>            |

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|                  | <b>179</b> | 4,053,876    | 10/11/77 | Taylor            | 340   | 529      |
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|                  | <b>183</b> | 4,367,522    | 01/04/63 | Forstbauer et al. | 363   | 137      |
|                  | <b>184</b> | 4,383,243    | 05/10/83 | Krügel et al.     | 340   | 310.02   |
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|                  | <b>190</b> | 4,475,209    | 10/02/84 | Udren             | 375   | 214      |
|                  | <b>191</b> | 4,479,033    | 10/23/84 | Brown et al.      | 455   | 402      |
|                  | <b>192</b> | 4,504,705    | 03/12/85 | Pilloud           | 381   | 77       |
|                  | <b>193</b> | 4,517,548    | 05/14/85 | Ise et al.        | 340   | 310.06   |

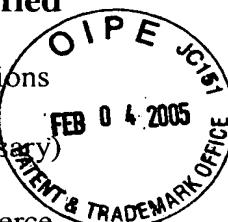
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List of Patent and Publications  
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Patent and Trademark Office



Docket No.  
**CRNT-0022**

Serial No.  
**10/036,914**

Applicant  
**James Douglas Mollenkopf et al.**

Filing Date  
**December 21, 2001**

Group  
**2632**

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|                  | 197 | 4,668,934    | 05/26/87 | Shuey              | 340   | 310.06   |
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|                  | 199 | 4,724,381    | 02/09/88 | Crimmins           | 324   | 127      |
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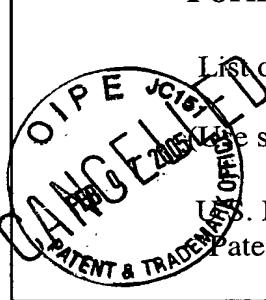
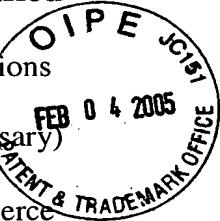
U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
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10/036,914Applicant  
James Douglas Mollenkopf et al.Filing Date  
December 21, 2001Group  
2632

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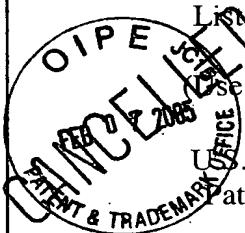
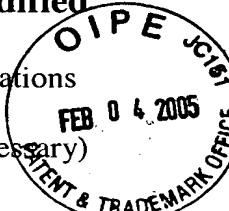
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| <b>Form PTO-1449 Modified</b><br> <br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary) |  | Docket No.<br><b>CRNT-0022</b> | Serial No.<br><b>10/036,914</b> |
| Applicant<br><b>James Douglas Mollenkopf et al.</b>                                                                                                                                                                                                                                               |  |                                |                                 |
| Filing Date<br><b>December 21, 2001</b>                                                                                                                                                                                                                                                           |  | Group<br><b>2632</b>           |                                 |

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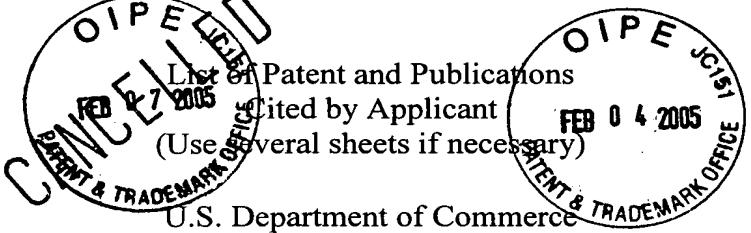
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| <b>Form PTO-1449 Modified</b><br> <p>List of Patent and Publications<br/>Cited by Applicant<br/>(Use several sheets if necessary)</p>  <p>FEB 04 2005<br/>U.S. PATENT &amp; TRADEMARK OFFICE</p> |  | Docket No.<br><b>CRNT-0022</b>          | Serial No.<br><b>10/036,914</b> |
| <p>Applicant<br/><b>James Douglas Mollenkopf et al.</b></p>                                                                                                                                                                                                                                                                                                       |  |                                         |                                 |
|                                                                                                                                                                                                                                                                                                                                                                   |  | Filing Date<br><b>December 21, 2001</b> | Group<br><b>2632</b>            |

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| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)<br>U.S. Department of Commerce Patent and Trademark Office |  | Docket No.<br><b>CRNT-0022</b> | Serial No.<br><b>10/036,914</b> |
| Applicant<br><b>James Douglas Mollenkopf et al.</b>                                                                                                                                                                                                                  |  |                                |                                 |
| Filing Date<br><b>December 21, 2001</b>                                                                                                                                                                                                                              |  | Group<br><b>2632</b>           |                                 |

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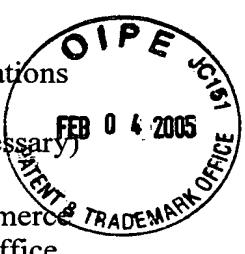
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| <b>Form PTO-1449 Modified</b>                                                                                                                                                                                                    |  | Docket No.<br><b>CRNT-0022</b>                             | Serial No.<br><b>10/036,914</b> |
|  <br>U.S. Department of Commerce<br>Patent and Trademark Office |  | <b>Applicant</b><br><b>James Douglas Mollenkopf et al.</b> |                                 |
|                                                                                                                                                                                                                                  |  | Filing Date<br><b>December 21, 2001</b>                    | Group<br><b>2632</b>            |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initial |            | Document No.     | Date     | Country | Translation<br><b>YES</b> | Translation<br><b>NO</b> |
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|                  | <b>303</b> | 0 141 673 A2     | 05/15/85 | EP      |                           |                          |
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|                  | <b>305</b> | 0 933 883 A2, A3 | 08/04/99 | EP      | X abstract & Ind. Claim   |                          |
|                  | <b>306</b> | 1 043 866 A2, A3 | 10/11/00 | EP      | X abstract & Ind. Claim   |                          |
|                  | <b>307</b> | 1 075 091 A1     | 02/07/01 | EP      | X abstract & Ind. Claim   |                          |
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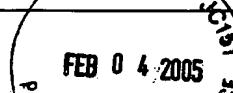
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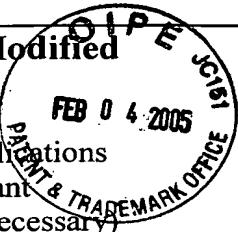
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Applicant  
**James Douglas Mollenkopf et al.**

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